

TEST REPORT: LI-ION BATTERY Pack



TEST: 00112-E/24

OBJECTIVE

Measure **DANE 500** Encapsulator Agent effectiveness on a Lithium-ion battery fire.

TEST Data

- Li Ion Battery Pack: 1890 Wh / 51V - 35 Ah
- **DANE 500** solution at 3%
- Fire Extinguisher:
 - Size 10 Kg / 22 Lbs
 - Pressure: 150 PSI

Results

At 3% dilution **DANE 500** effectively knock-down the fire in **8 secs** and kept the temperature of the battery below 100°C, diminishing the spread of thermal runaway and decreasing the levels of explosive and toxic off-gases, and neutralize harmful runoff.



15 Seconds after self-ignition



8 Seconds of DANE 500 Application

DANE 500 is a powerful multi-class extinction agent that safely extinguishes Class A, B, D, and **lithium-ion battery** fires.

